

Modification Highlights for Executive Order VR-204-L

Part I: Executive Order

Legal Language:

- Changed footers and headers to reference VR-204-L
- Page 1, added “whereas” paragraphs describing the nature of the amendment request from both Hirt (applicant for the Hirt VCS 100 Processor) and Veeder Root (applicant for ISD software version 1.05)
- Page 1, changed reference from ISD software version from 1.04 to 1.05
- Page 2, changed reference from VR-204-A to J to VR-204-A to K
- Page 3, added reference to new Exhibit 13: Hirt VCS 100 Processor with Indicator Panel Operability Test Procedure (*if a Hirt VCS 100 processor is installed*);
- Page 4, changed reference in two places from VR-204-J to VR-204-K
- Page 4, change reference from February 11 to June 26
- Page 4, change reference from June 2011 to November 2011
- Page 5, added reference to new Exhibit 13: Hirt VCS 100 Processor with Indicator Panel Operability Test Procedure

All Exhibits

- Changed all footers and headers to reference VR-204-L

Exhibit 1:

- Page 1, added Hirt VCS100 Processor to Allowable Hanging Hardware Combinations Table
- Page 2, first line, changed reference from THREE (3) to FOUR (4)
- Page 5, added new table: Hirt VCS 100 Processor Equipment List #4
- Page 8, added Veeder-Root ISD software compatibility matrix
- Page 30, added a new Figure 1A-15 Hirt VCS 100 Thermal Oxidizer and Indicator Panel

Exhibit 2:

- Page 4, added verbiage related to Hirt VCS Thermal Oxidizer
- Page 6, item 6 changed language to indicate bulk plant operations are not allowed not with this system
- Page 8, changed last sentence under Maintenance Records to Figure 2B-19,
- Page 10, added new section System with Hirt Thermal Oxidizer
- Page 14, second paragraph under Training Program, changed “*” again to: then “*”
- Page 19, changed Software Version to 01.XX in Figure 2B-5

Exhibit 2: (continued)

- Page 32, added Figure 2B-17, showing normal operation configuration
- Page 33, added Figure 2B-18, showing 3-way valve in normal operation configuration
- Page 34, changed Figure 2B-17 to Figure 2B-19

Exhibit 3:

- Page 15, added verbiage regarding Hirt Manufacturing Performance Specifications and Warranty Policy
- Page 17, title of first section, changed PART Va to PART VIa
- Page 17, title of second section, changed PART Vb to PART VIb

Exhibit 4:

- Page 1, added the following language to end of first sentence:
and Hirt VCS 100 Processor
- Page 8, added section to include instructions for Hirt VCS 100 Thermal Oxidizer
- Page 8, added the following note to bottom of page:
Note: The Hirt Processor Operability Test (if required by the local District), shall be performed prior to conducting Exhibit 4
- Page 9, added Figure 4 showing configuration of Hirt VCS 100 Thermal Oxidizer to conduct TP-201.3

Exhibit 6:

- Page 1, added verbiage for the Hirt VCS 100 Thermal Oxidizer including powering off the processor prior to test and powering on the processor after conducting TP-201.4

Exhibit 10:

- Added instructions and figures if vapor pressure sensor is located on the vent stack
- Added procedures to retrieve pressure data from the Veeder-Root TLS when the system has no pressure management control (PMC) installed
- Added instructions and figures on how to disable and re-enable the various vapor processors when conducting this test

Exhibit 13:

- Added new Exhibit: Hirt VCS 100 Processor with Indicator Panel Operability Test Procedure

Exhibit 17:

- Page 9, Section Test Procedures, added new step 4.1 on language, instructions and figures to provide instructions on how to turn off the Hirt Processor when the station is vented when conducting the operability test
- Page 11, added new step 5.3 to turn on processor after conducting the operability test

Part II: Changes to ARB Approved Installation, Operation, and Maintenance Manuals (IOM)

Table of Contents

- Added new Section 16: Hirt VCS 100 Vapor Processor and Indicator Panel Installation Instructions

Section 1

- Added contractor training requirements specific to Hirt and contact information to determine who has been trained

Section 3

- Added Hirt annual inspection procedures from VR-203

Section 4

- Added individual trouble shooting tables based on type of processor installed
- Created new ISD alarm troubleshooting table to include appropriate instructions that apply when Hirt processor is installed. Examples include leak integrity, overpressure, specific ISD alarms that only apply to Hirt processor such as VP overpressure, VP status warn, etc.
- Each table provides updated reference to the Veeder-Root ISD system the troubleshooting manual webpage

Section 12:

- Added procedures to retrieve pressure data from the TLS when the system has no pressure management control (PMC) installed
- Added instructions on how to configure the TLS350 and the Hirt indicator panel so they can communicate as an external input alarm.
- Modified various sections of the document including the setup, alarm summary table, example reports, serial commands, and figures to include instructions for the Hirt processor.
- Modified shutdown alarms throughout the document that do not apply if a Hirt processor is installed. Also, re-introduce verbiage on VP overpressure and VP status warn

Section 16:

- Added new section: "Hirt VCS 100 Vapor Processor and Indicator Panel Installation Instructions"

Sections 1-20

- Where applicable, updated headers and footers to reflect Revision L